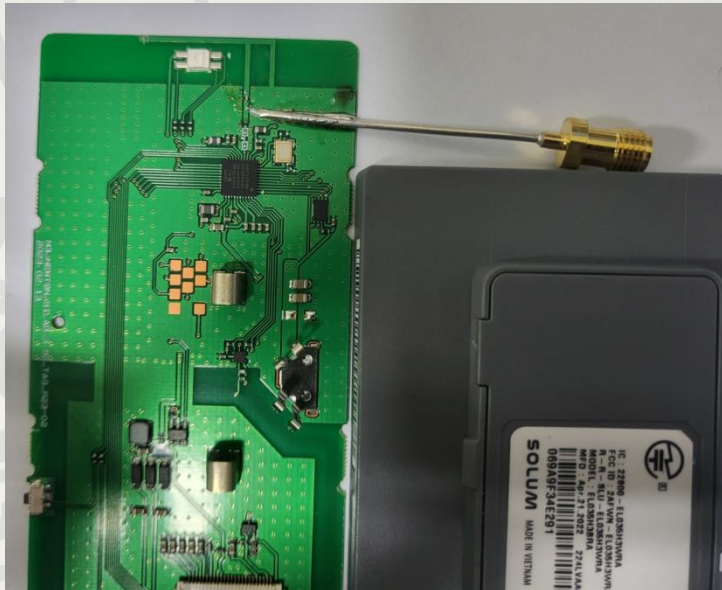
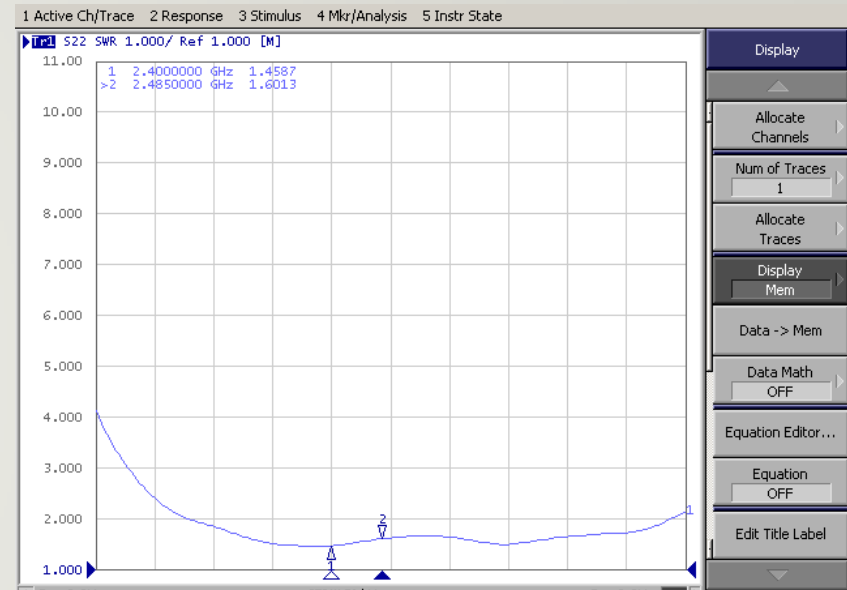


Solu-M Newton Silabs 3.52 ANT #1 TEST DATA

Picture



VSWR

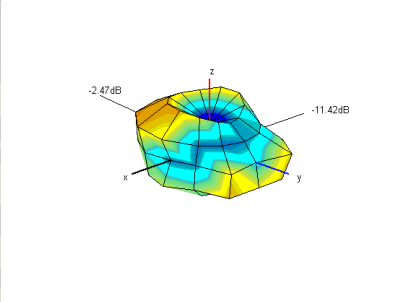
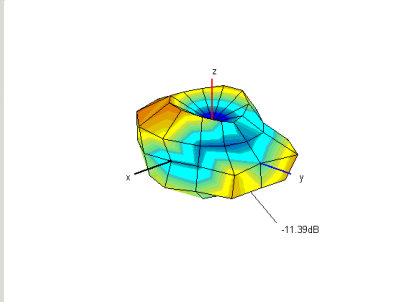
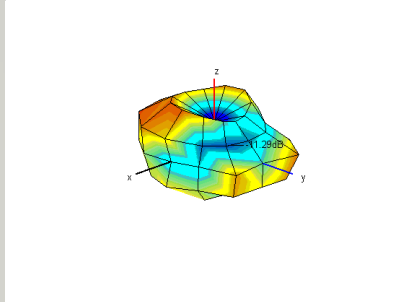
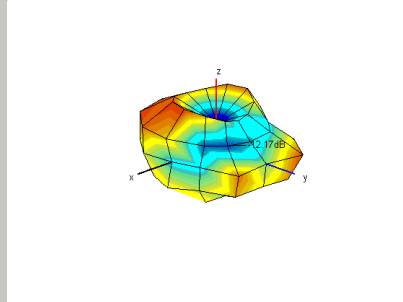
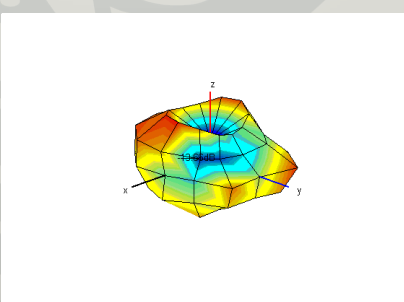


3D gain

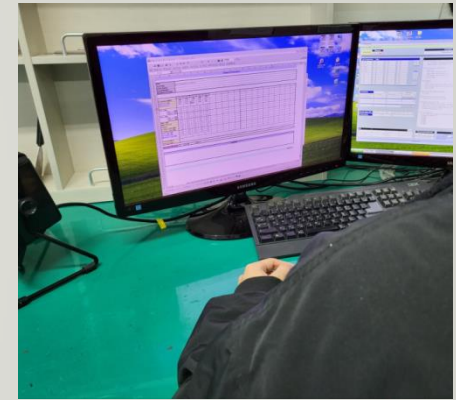
	1	2	3	4	5
Frequency [MHz]	2400	2420	2440	2460	2485
Efficiency [dB]	-5.62	-5.35	-5.06	-5.01	-5.13
Efficiency [%]	27.4	29.2	31.2	31.6	30.7
Peak Gain [dB]	-2.47	-2.23	-1.78	-1.56	-1.59
Directivity [dB]	3.15	3.12	3.28	3.45	3.54
Minimum Gain [dB]	-11.42	-11.39	-11.29	-12.17	-13.66

2.4G ANT DATA - 3D Radiation Pattern

3D Radiation Pattern

2400	2420	2440	2460
 <p>3D radiation pattern for 2400 MHz. The plot shows a main lobe centered at the origin with a peak gain of -2.47 dB and a side lobe gain of -11.42 dB. The x, y, and z axes are shown.</p>	 <p>3D radiation pattern for 2420 MHz. The plot shows a main lobe centered at the origin with a peak gain of -11.39 dB. The x, y, and z axes are shown.</p>	 <p>3D radiation pattern for 2440 MHz. The plot shows a main lobe centered at the origin with a peak gain of -11.29 dB. The x, y, and z axes are shown.</p>	 <p>3D radiation pattern for 2460 MHz. The plot shows a main lobe centered at the origin with a peak gain of -12.17 dB. The x, y, and z axes are shown.</p>
2485			
 <p>3D radiation pattern for 2485 MHz. The plot shows a main lobe centered at the origin. The x, y, and z axes are shown.</p>			

Measurement Procedure



Network Analyzer을
이용하여 VSWR 측정

3D Chamber에 Set 거치

Program을 이용하여
Gain 측정

Measurement Equipment

Network Analyzer



E5071B (Agilent)



8753ES (Agilent)



CTIA 3D OTA Chamber(A+Tech)